

PLANS FOR 1930 SOCCER TEAM MADE AT FIRST BANQUET

**Samuel G. Ryan Succeeds Ed-
gar M. Hawkins as Captain
Of Sport**

PRACTICE THIS SPRING Suggestions for Improvement Of Team Made by Each of Letter Men

Soccer for the 1930 season was planned at the first banquet of the sport which was held to encourage interest and continue the improvement of Technology's squad. Both the members of this year's Varsity and freshman teams were present at the dinner last night and suggestions of all kinds were made for the team's betterment.

Samuel G. Ryan '31 was elected captain of the soccer team for next year, having played right halfback during the last season. The manager will be Byron E. James '32, who has assisted Robert W. Backus '30 this fall.

Coach Welch was the first speaker and he discussed the need of school support, an arrangement of classes so as not to interfere with practices, and the desire to have all the freshmen come out for the sport with a possibility of having a Junior Varsity team. He read a letter from Alan W. Rowe '01 which stated that there would be an attempt to lay the field parallel to the tennis courts, so as not to be bothered by the freshman R. O. T. C.

On his election, Captain Ryan stated that keeping in training was left to the individual and should be kept as faithfully as attendance at practice. He encouraged all the men to attend the spring practice when games will be played with outside teams.

The schedule for next year will include Yale, Brown, Dartmouth, and possibly Navy or Pennsylvania away from home with five other games to be played here. The numerals were presented to the freshman team, but the Varsity awards were not secured for presentation.

The manager, who presided at the meeting, called on the members of the team to make suggestions which could be put into effect and each contributed his share. The Seniors on the team were presented with a Soccer charm and the meeting closed with the singing of the Stein song.

RECOGNITION GIVEN TO 1933 RIFLE TEAM

**A. A. also Increases Member-
ship of Executive Committee**

Official recognition was given to the freshman rifle team at a meeting of the M. I. T. A. A. held yesterday afternoon. Freshman rifle teams have been competing for several years as part of the freshman R. O. T. C. work but they have not been previously recognized by the M. I. T. A. A. as an official Institute sport.

At the same meeting, an amendment to the constitution of the M. I. T. A. A. was passed whereby the chairman of the Budget Committee will be given a seat in the Executive Committee. This will increase the membership of the latter body from six to seven.

Infirmiry Takes on Festive Appearance

Through the personal efforts of Miss Broderick, secretary to the doctor, the boys in the Homberg Infirmiry will be able to enjoy a touch of Christmas during the holiday season. The surroundings have taken on a really festive air with mural decorations of evergreens and a most attractively decorated tree. For each class represented there is a Christmas stocking, and for the benefit of those who may eat there are fruits, candies, and nuts. All of this work was done by Miss Broderick late yesterday with the help of some of the boys in the dormitories. As a further token of her goodwill, she has offered the use of the reception room for any parties which the boys staying over during the holidays may wish to have.

Professor is Thrown Penny for Christmas

Christmas cheer is evident in many forms about the Institute and the spirit of a small but worthy gift was illustrated in a Sophomore physics lecture Monday. After the demonstration of an experiment someone threw a penny to the lecturer. On hearing the clink of the copper the speaker looked up and said, "Thank you". The bad habit of throwing pennies is usually prevalent at entertainments, but the Christmas atmosphere has urged a penny-philanthropist even to bestow a token on a professor.

CHRISTMAS TREES ERECTED BY T. C. A.

**Various Benefits Arranged for
The Foreign Student
Christmas Week**

The seventeen foot Christmas tree erected by the T. C. A. in the main lobby, and the smaller tree adorning the exit of the Walker Dining Hall will remain up during the holidays for the benefit of the foreign students who are not able to return home for Christmas. The addition of lights to the usual mode of decoration is a noticeable improvement over the trees of previous years. Bror Grondal '31 made preliminary arrangements for the trees, Louis S. Morsey '31 being in charge of decorations. Two hundred and six Greeting cards bearing an etching of Christmas in Merrie England have been mailed by the T. C. A. to foreign students and activities.

In order to serve the student body throughout the Christmas holidays the T. C. A. office will be open from 9 A. M. to 5 P. M.

VARSIITY BASKETEERS TO MEET CRIMSON QUINTET TONIGHT AT HARVARD

Nichols and E. & F. Leading In Dorm Basketball Games

**Anton A. Pruckner '31 in
Charge of Sport for 1929-
30 Season**

Dormitory basketball this season has progressed with its usual thrills and unusual playing. Representatives from the different dormitories have at times shown fine brands of playing, due to the efforts taken to practise between games. The interest in the outcome of the games is not indicative of the audience but the few cheerers manage to fill the air with ample noise. Up to the present time two teams, Nichols and E & F, remain undefeated.

The games are being played both in the Hangar and Walker Gyms.

The standing of the teams yesterday was as follows:

Dormitory	Won	Lost	P.C.
Nichols	5	0	1.000
E & F	3	0	1.000
Holman	3	1	.750
Atkinson	2	2	.500
Ware	3	3	.500
'01 & D	1	3	.250
'93	0	2	.000
Crafts	0	3	.000
Runkle	0	3	.000

ENGINEERING MEN ARE EXECUTIVES

**Prof. Schell Gives Statistics
Showing Them in Favor
Of Economics**

In his talk to the members of the Class of 1933 on Monday, Professor Erwin H. Schell emphasized the trend for engineering graduates to leave technical fields and to enter administrative and executive positions. The talk was illustrated with lantern slides of statistics prepared by the Society for Promotion of Engineering Education.

Professor Schell was introduced by President Statton, who announced that the next two addresses of the series being given the freshmen will be by Arthur D. Little '35 and Prof. Charles R. Gow. These talks are for the purpose of aiding the first year men to choose their courses.

One impressive fact revealed by the statistics showed by Professor Schell was that about half of the engineering graduates covered by the survey thought that there were not enough economic subjects taught in the technical schools. This opinion was evident mainly among the older men.

HARVARD HAS WON ONE GAME AGAINST B. U. CAGERS 44-21

**Freshmen Play Harvard Frosh
This Afternoon in
Second Game**

VARSIITY TO PLAY AT 8

Tonight, the undefeated Engineer quintet meets the Crimson cagers in the biggest game of the season at 8 o'clock in the Hemenway Gymnasium at Harvard. Experts give Technology an even chance of winning the game tonight, thus duplicating the feat of last year's team. Coach McCarthy has primed his men up for the big game, the basketekers spending the practice yesterday afternoon in shooting fouls, passing, and teamwork.

Three veterans are back on the Crimson lineup, with Pierce, substitute for the team last year, at center. The five that will probably go on the floor is as follows: Mahady and Wenner at forward; Rex and Lido at guard, with Pierce at center. Harvard won its first game of the season against B. U. by the large score of 44 to 21 last Saturday night on the Harvard floor. The Crimson team showed plenty of ability, but they felt the loss of their veteran guard Farrel, who is ineligible for this year's quintet. The Harvard five is small but fast, and are accurate shots, which will make the game very close.

Technology will need the backing of every enthusiast tomorrow night to back the team for another victory toward an undefeated season. A large crowd from the dorms, which has backed the team in the three games that have been played this season, is expected to be present in the stands tonight. The Hemenway Gymnasium, where the game will be played is just north of Harvard Square in the Yard.

Technology's victory last year was (Continued on Page 3)

SIGNUPS FOR JUNIOR PROM CLOSE FRIDAY

**Table Reservations May Still
Be Obtained in Lobby**

No signups for the Junior Prom may be obtained after Friday as the campaign that started December 9 will be brought to a close at that time. Those desiring to sign up for this affair must do so before Friday as the sale will be discontinued after the conclusion of the Christmas vacation.

Table reservations for the dinner may be made at the same time as the signups is purchased. All of the reservations for both sides of the balcony have already been taken but there are still others available for those who desire them. The committee wishes to ask those who have made reservations and have not as yet paid for them to do so before the close of the drive this Friday at 2 o'clock.

Charles Straley '31 Made President of E. I. G. L.

At the meeting of the Eastern Intercollegiate Gymnastic League in New York last Saturday, Charles Straley, '31, Manager of the M. I. T. gym team, was appointed President of the Association. At the same time the schedules for the various teams in the league were completed and confirmed.

Straley was appointed manager of the Engineer gym team at the close of the season last year and succeeded Thomas MacLaren, '30 to this office. He was assistant manager last year and is a member of the Alpha Tau Omega Fraternity. In accordance with his appointment, Manager Straley will have complete charge of the E. I. G. L. Championship meet to be held at M. I. T. on March 22nd.

Examination Schedule

Printed below is the list of first term examinations being given from January 27 to February 1 inclusive. Registration Day for the second term is February 10.

Three hours are allowed for all examinations except as otherwise noted. Complete examination schedules, including rooms in which the various examinations will take place, will be distributed from the Information Office, Room 10-100, after the Christmas vacation.

MONDAY, JANUARY 27, 9 A. M.

Subject	Year
1.561 Advanced Structures	G
2.20 Applied Mechanics	G
2.211 Applied Mechanics	G
2.501 Adv. Refrigeration	G
3.31 Fire Assaying	G
4.411 Architectural History (2 hours)	G
4.413 Architectural History (2 hours)	G
5.141 Analytical Chemistry (2 hours)	G
5.25 Chemistry of Foods (2 hours)	G
6.511 Electric Circuits	G
6.512 Electric Circuits	G
8.01 Physics	G
8.001 Electrochemistry, Prin.	G
10.52 Chemical Engineering II	G
10.93 Automotive Fuels	G
12.21 Theory of Warship Design	G
13.13 Theory of Warship Design	G
16.911 Synoptic Meteorology	G
Ec781 Standard Meas. in Ind. Management	G
M32 Elements of Analysis	G
Special Examinations	G

MONDAY, JANUARY 27, 1:30 P. M.

1.481 Foundation & Soil Mech.	G
1.75 Hydraulic & Sanitary Eng.	G
1.77 Sanitary Engineering	G
2.271 Theory of Elasticity	G
3.281 Adv. Mech. & Th. of Elas.	G
2.13 Refrigeration	G
3.43, 3.441, 3.432 Metallurgy	G
4.471 European Civ. & Art	G
6.03 Electrical Eng., Principles	G
6.041 Electrical Eng., Principles	G
6.09 Electrical Eng., Principles	G
6.44 Elec. Trans. & Control	G
6.651 Electric Power Dist.	G
7.80 Biochemistry	G
8.291 Physics II	G
10.31, 10.311 Chemical Eng.	G
10.72 Iron and Steel	G
13.03 Naval Architecture	G
16.01 Airplane Design	G
Ec721 English and History	G
Ec71 Business Management	G
F6 Prin. Fuel & Gas Eng. I	G
M77 Vector Analysis	G
Special Examinations	G

TUESDAY, JANUARY 28, 9 A. M.

1.491 Soil Mechanics	G
3.655 Aircraft Met. & Met.	G
(2 hours)	G
5.684 Physical Chemistry, Elem.	G
5.717 Physical Chemistry	G
6.02 Electrical Eng., Principles	G
6.521 Alt. Current Machinery	G
6.541 Power Gen. Stations	G
16.931 Dynamic Meteorology	G
17.31 Building Construction	G
D21 Descriptive Geometry	G
Ec31 Political Economy (2 hours)	G
Ec56 Corporate Organization	G
L63 French, Advanced	G
Special Examinations	G

TUESDAY, JANUARY 28, 1:30 P. M.

1.41 Structures	G
1.411 Structures	G

1.45 Structures	G
2.251 Dynamics of Machines	G
2.721 Machine Design	G
3.43 Economics of Mining	G
4.51 Town Planning	G
6.221 Central Stations	G
6.311 Electrical Com., Prin.	G
7.63 Theoretical Biology	G
8.82 Electrochemistry	G
10.21, 10.211, 10.212, 10.214	G
Industrial Chemistry	G
13.54 Marine Engineering	G
13.58 Marine Engineering	G
16.91 Airplane Design, Adv.	G
L65 French, Advanced	G
M21 Calculus	G
Special Examinations	G

WEDNESDAY, JANUARY 29, 9 A. M.

1.35 Roads & Pavements	G
(2 hours)	G
2.40 Eng. Thermodynamics	G
2.801 Automotive Engineering	G
3.01 Mining Methods	G
5.01 Chemistry, Elementary	G
5.51T Organic Chemistry II	G
5.61T Physical Chemistry I	G
6.241 Electric Railways	G
6.301 Electrical Com., Prin.	G
6.57 Illumination	G
7.301 Bacteriology	G
8.221 Mech. & Hydrodynamics	G
8.431 Elas. & Photoelasticity	G
16.06 Airplane Structures, Adv.	G
Special Examinations	G

WEDNESDAY, JANUARY 29, 1:30 P. M.

1.811 Adv. Sanitary Eng.	G
2.231 Mechanics	G
2.46 Heat Engineering	G
2.461 Heat Engineering	G
2.71 Machine Design	G
2.711 Machine Design	G
2.731 Machine Design	G
4.241 Professional Relations	G
(2 hours)	G
6.07 Electrical Eng., Prin.	G
6.27 Illumination	G
6.281 Wire Com., Principles	G
7.351 Ind. Microbiology	G
7.58 Vital Statistics	G
8.03 Physics	G
8.241 Electromagnetic Theory	G
17.41 Building Construction	G
Ec61 Business Law	G
Special Examinations	G

THURSDAY, JANUARY 30, 9 A. M.

1.21 Railway & Highway Eng.	G
1.211 Railway & Highway Eng.	G
(2 hours)	G
5.681 Physical Chemistry, Elem.	G
(2 hours)	G
5.683 Physical Chem., Elem.	G
(2 hours)	G
6.561 Electrical Com., Prin.	G
7.07 Mycology	G
(2 hours)	G
7.11 Anatomy & Histology	G
7.111 Tech. of Food Products	G
8.173 Industrial Stoichiometry	G
10.25 Chemical Engineering	G

10.42 Drying	G
13.01 Naval Architecture	G
13.011 Naval Architecture	G
G55 European Civ. & Art	G
M11 Calculus	G
M12 Calculus	G
M31 Diff. Equations of Elec.	G
Special Examinations	G

THURSDAY, JANUARY 30, 1:30 P. M.

1.63 Hydraulics	G
1.64 Hydraulics	G
1.70 Water Power Engineering	G
2.30 Materials of Engineering	G
2.31 Materials of Engineering	G
(2 hours)	G
4.421 Architectural History (2 hours)	G
4.423 Architectural History (2 hours)	G
4.481 European Civ. & Art	G
5.12 Quantitative Analysis (Course V only)	G
7.541 Public Health Admin.	G
10.361 Chemical Engineering	G
13.31 Ship Construction	G
(2 hours)	G
17.21 Building Construction	G
Ec21 Political Economy (2 hours)	G
Special Examinations	G

FRIDAY, JANUARY 31, 9 A. M.

1.731 Adv. Water Power Eng.	G
2.15 Applied Mechanics	G
2.16 Applied Mechanics	G
2.304 Materials of Engineering	G
6.01 Electrical Eng., Prin.	G
16.83 Airplane Engine Design	G
7.28 Biology & Bacteriology (2 hours)	G
7.281 Sanitary Biology	G
7.701 Tech. of Food Supplies	G
8.301 Atomistic Theories	G
13.33 Ship Construction	G
16.83 Airplane Engine Design	G
E11 English & History	G
Special Examinations	G

FRIDAY, JANUARY 31, 1:30 P. M.

1.25 Eng. Const. & Estimates	G
2.05 Mechanism of Machines (2 hours)	G
2.06 Mechanism of Machines (2 hours)	G
3.41, 3.411, 3.412 Metallurgy	G
5.10, 5.101 Qualitative Anal.	G
5.412, 5.413 Organic Chemistry	G
(2 hours)	G
7.501 Health Education	G
M22 Differential Equations	G
History (College Transfers)	G
Special Examinations	G

SATURDAY, FEBRUARY 1, 9 A. M.

L11 German, Elementary	G
L21 German, Intermediate	G
L23 German, Intermediate	G
L51 French, Elementary	G
L61 French, Intermediate	G
M71 Th. & App. Elasticity	G
Special Examinations	G

SATURDAY, FEBRUARY 1, 1:30 P. M.

Special Examinations	G
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KEEP UP STEAM

WITH Christmas vacation only a few days ahead the normal reaction is to taper off the investment of erudite energy and allow the subjects all to join the avalanche of "What I'll do during the holidays". The man who can actually sell himself on the idea that he is going to do many problems and numerous themes and reports during any vacation should not be at a technical school. He is a super-salesman and should devote all his time to his art.

This Christmas will probably pass much the same as that of last year or the year before. A kaleidoscopic view of the average vacation might be—Friday afternoon: the last class, the bulging bags, the Wolverine, the train shave and shades of the butcher, the Home Town, the family, the summer friends whose names have slipped, the rounds of bridge, the hurried buying, the cravat exchange, the meal, the sports, the cousin's electric train, the dances, the theaters, the discovery at last that the books were left in Boston, the muffled cheer because of it, the New Year, the last sleep-until-noon, the punctual train, the Back Bay station, the thought "What a loafer!"

The last week before the "rest" is important not in spite of the vacation but because of it. The problems and reports prepared this week can be looked upon as returns of labor well directed, while those consigned to the vacation list are wildcat propositions even from the most optimistic viewpoint.

It is a difficult job and a mean one to contemplate. The one bright aspect of the affair is this: he who keeps at his work until the end has at least a few days before him without a shadow of a book to dull his activities.

TRIFLES

WITH the spirit of the day calling so insistently for the carrying out of all enterprises in an extensive and munificent manner, it is often forgotten that little things done in a small way count for a great deal. We can see evidence of this in our immediate surroundings, for while our comfort and well-being is generously provided for at Technology, the trifles that tend to build up school spirit are singularly lacking.

Not very long ago there was considerable complaint from the student body because the Great Court presented such a barren appearance. The Corporation looked into the matter, and promptly planned to go to the enormous expense of sodding the whole Court and planting many trees. New buildings are constantly being planned, and hardly a year passes but there is another addition to our already enormous educational plant.

Yet we find the enthusiastic attitude of the student body as a whole towards student enterprise suffering stagnation. Technology men are coming less and less to know each other outside of the classroom, and the educational system assumes the air of mere manufactory turnout of men equipped impersonally to take over the reins of industry. The humanness of the men involved loses itself in the over-sensible and rational mechanism.

It is the student body which can remedy this state of affairs. The rational quality of the engineer's mind should not prevent him from undertaking minor attempts to better his conditions. Look not for the great and sweeping changes that startle humanity and bring fame. Rather look to yourself and see that you are doing your part, even though it be a very small one. One example of what the students can do is offered in the present campaign to "Use Walker". With the realization that the ultimate end of his co-operation will bring about a more intimate and adequate meeting-place for all Technology students, each undergraduate should constantly keep in mind what he can do.

The 490 freshmen at Princeton University voted on the "most essential quality in the ideal girl" with the results as follows: 74, physical beauty; 65, less aesthetically inclined, personality; 45, ability to dance well; 34, good sense and good humor; 31, interesting conversationalist; 29, constancy; 24, brains; 18, money; 16, abstinence from drinking; and 9 abstinence from smoking. Sixty-five gave up determination of the ideal girl as a bad job and did not vote.

Officials of the University of Denver have made arrangements with the American Railway Express company by which they will sponsor a trip through Europe. Five weeks of sight-seeing in six of the principal countries of Europe are offered to the students, alumni, and friends of the University. The unusually low price of 489 dollars, which includes all of the expenses that one might incur on the trip, is all that is being asked for this extraordinary tour.

THE OPEN FORUM

To the Editor of THE TECH:

Along with many others similarly afflicted, I have long been wondering just why something isn't done by those in authority to proportion the time required by Electrical Engineering Laboratory in some measure with the value and importance of the course.

According to the Institute catalogue, course 6.89 is supposed to take two hours lab work and two hours preparation and report writing per week. Actually, it has been practically impossible to complete any experiment within the allotted two hours, and the average time for the experiments so far performed has been nearly three hours. In one instance, three and three quarters hours was necessary to complete the laboratory work; and this can not be laid entirely to the slowness of my partner and I, either, for two other groups doing the same work finished at the same time we did.

When classes must be cut and other work neglected because of one course, the situation, in my opinion, certainly calls for a radical and immediate remedy.

As to home work, the required preliminary study and report invariably requires one of the allotted two hours; and the preparation of the final report itself ordinarily takes from four hours up—usually up.

Hence instead of taking four hours a week, this course requires at least eight, with the result that other courses must suffer.

I have no doubt but that this course has its value; but I am even more firmly convinced that several other courses have an even greater value. It seems neither fair nor reasonable that major courses should have to be slighted because of the time required by one subject of less importance, and I for one would certainly like to see something done about the matter.

Sincerely,
M. I. T.—II—'30.

As We See the Movies

LOEW'S STATE

A very odd picture indeed is the current film at the State. It is a Technicolor sound presentation of Jules Verne's novel, "Mysterious Island", and though somewhat rationalized by the advances in science since Verne's day, it may easily be termed the most imaginative picture that has been in Boston in some years.

It is essentially one of the old-type melodramas, with an avaricious villain, stalwart heroes, and a beautiful heroine. As such, it easily holds the reader's interest. The story centers around the imagined invention of the submarine on an island stronghold just off the coast of a mythical kingdom.

Among the unusual theories involved in the plot is that which says that there is a race of men, who, instead of coming on to land in their evolution from the fishes, went to the bottom of the sea, and have developed in a manner similar to ours with the depths as their home. Photography of such a people and their home is weird to say the least.

The acting must be commended, but its merit can easily be understood with the names of Lionel Barrymore and Lloyd Hughes in the cast. The former, as a scientific wizard is by far the outstanding actor.

One thing might well be noted, and that is that the play was certainly not directed by a man who had had any scientific training. Such things as calling a group of valves an air compressor, and testing steel by tapping it with a hammer are bound to be noticed. However, if you can last through the stage show, it is a good wager that you will enjoy the movie. If nothing else, you will be kept wondering what queer stunt is going to be pulled next.

Realizing that copies of final examination exist in most all sorority and fraternity houses, the English department of the University of Minnesota has had copies of final examinations of the last five years placed in the library. Dean J. M. Thomas of the English Department said that "as long as a few could use this method of study it is only fair that all should have this opportunity."

The strict enforcement of an honor system, greater courtesy to professors and deans, the safekeeping and return of library books and the establishment of an annual day to be spent in "solemn meditation upon the ancient and honorable ethics of the legal profession" are among the traditions recently adopted by the college of law of the University of Arizona.

Oregon State recently bought between fifteen and twenty tons of Italian prunes to use in experimental work to determine new standards for drying. Then, we suppose, they'll feed them to the students.

Hudson River Bridge Is Latest Work of Designer of Woolworth Building

Cass Gilbert '80 is Designer Of the Structure and Many Others

Appointed by three succeeding White House occupants to the National Commission of the Fine Arts, past president of the American Institute of Architects, president of the National Academy of Design, designer of two state capitols and two universities, Cass Gilbert '80 is better known as the architect of the Woolworth Building. His latest work now in process of construction is the Hudson River Bridge.

When Woolworth called upon Gilbert to surpass all other existing buildings in fame he turned for a precedent to the Gothic with its soaring lines. It is said that even the most consistent devotee of classical form and balance did not remain untouched by this cathedral of commerce.

The Hudson River Bridge, when finished, will be the longest single span suspension that the world has ever seen. Extending 7,800 feet from the Fort George district in New York City to Bergen County in New Jersey, its anchorage towers will be higher than the Washington Monument or the Boston Custom House. The roadways will be lifted 195 feet above the mean high water of the Hudson. When finished in 1932 it has been estimated that the first year the structure will carry over eight million vehicles other than buses, almost a million and a half pedestrians and close to half a million buses. Construction will allow an increase in roadway width without excessive alteration expense. Over 50 million dollars are needed to complete the task.

Cass Gilbert was born in 1859 and educated in the public schools of Zanesville, Ohio. Later he came to the Institute where he studied for four years. After practicing architecture for a while in the West he came to New York City where there were better opportunities for designers. The first years at this new location were a struggle. A man who was formerly in his employ reported that he once had to sell two opera tickets in order to buy food for himself and his staff.

The architect's aptitude for hard work and his executive ability enabled him to keep going. He became associated with a member of the Union Boat Club and was selected to aid in designing the new building. This was only the beginning. A long list of his achievements in the architectural world was to follow. The Brazier Building and the Suffolk Savings Bank Building are two examples of his work in Boston, and the New York Life Insurance Company Building is his most recent architectural achievement.

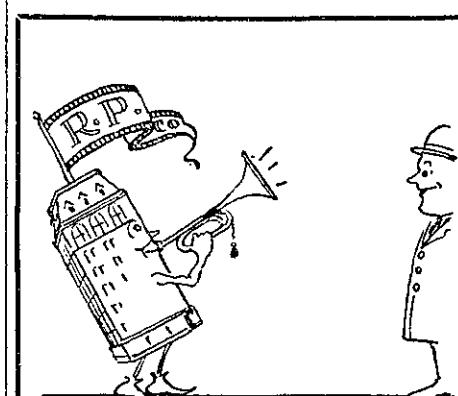
Cass Gilbert, designer of the Broad-Chambers Building, the New York Custom House and countless lesser structures, is a member of the permanent committee formed by the International Congress of Architects at its eleventh session at the Hague. He was one of the founders of the Architectural League of New York and has had many honors and degrees given

him, mainly by his profession.

An architect connected with the school where Mr. Gilbert studied has said, "Cass Gilbert perhaps has done little indicative of the new or progressive architecture, but everything he has done has been done very intelligently." A former associate said "He is a man of wonderful ability who combines the designer who can grasp any architectural problem no matter how large or how complex with a knowledge that gives him an absolute solution."

Fraternity men on the campus at Purdue recently conducted a "hello to everyone" campaign. The pledges of all the houses were instructed to speak to everyone they met on the campus. This plan was approved by the Men's Pan-Hellenic council.

All students meeting on a certain walk on the University of Montana campus must say "Hello." This will be officially known as the "Hello Walk" and has as its aim the fostering of better feeling and understanding in the student body.



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HARVARD CO-OPERATIVE SOCIETY

EASTERN GYMNASTS WILL HOLD TITLE MEET AT WALKER

Beavers Tied Navy for First
Place Last Season in
Meet of E. I. G. L.

ONE DUAL MEET AT HOME

Triangular Meet With Dartmouth and Navy Will Be
Held at Hanover

Walker Gym will be the scene of the Eastern Intercollegiate Gymnastic League Championship meet this year. The meet was held at Philadelphia last season and ended in a tie for first honors between M. I. T. and Navy, both teams having won first places in individual events. The scoring in the E. I. G. L. meets is done by counting the number of first places won. The last time the E. I. G. L. Championships were held here was in 1928.

One Dual Meet At M. I. T.

On the schedule released for the coming gym season there is only one dual meet to be held at M. I. T. This meet is with Princeton University and will be held on the night of the Junior Prom, February 21. This will give the dancers a chance to see one of Technology's successful winter sport teams in action before they attend the major social function of the year at Technology.

Triangular Meet At Hanover

Another feature of the gym schedule is the triangular meet with Dartmouth and Navy at Hanover, New Hampshire, on March 15th. This meet is being held in conjunction with the agreement made with Navy at the E. I. G. L. meeting this year. The triangular meet will be held at M. I. T. in 1932. Navy is allowed but one trip during the year in addition to the intercollegiate and on alternate years will make the trip North to meet the above-mentioned teams. On other years the trip will be made shorter, to meet such teams as Temple and Princeton. This is the first time that the Navy gym team has made a Northern trip.

Seven Teams in League

Competing in the championship meet of the E. I. G. L. to be held at Technology will be Princeton, Army,

Athletics Are Given Aid By Donation From Fraternities

Competition Open for Election
Of Another Sophomore
Crew Manager

After reconsideration, the Interfraternity Conference decided at a meeting Tuesday night, at the Phi Beta Epsilon House, to give a sum of \$400 to the Advisory Council on Athletics at the Institute to be used for the improvement of equipment of the various sports. At a former meeting the decision had been to give this money to the Crew for the purchase of a new shell. It was the general opinion, however, that this sum should be used for the benefit of all sports, and after a revote it was decided to give this amount to the Advisory Council.

Dance Rule Made

Since there were as many as five dances given by the different houses during a recent week-end, a definite ruling was made that in the future there should be not more than three dances on any one night. This ruling was made some time ago, but it has not been strictly enforced. A further decision was that the houses should not give dances on the night of social affairs of the general student body.

During the course of the meeting a report was made of the National Interfraternity Conference by David Q. Wells '30 and Joseph B. Birdsell '31. This convention was held in New York City from November 29, to November 30, inclusive.

N. Y. U., Temple, Navy, Dartmouth, and M. I. T. Invitations have been sent to colleges in New England and eastern United States who are not members of the league, to compete in the meet. There are usually some entrants who accept these invitations.

The 1930 schedule for the Varsity gym team is as follows:

Feb. 15—Bowdoin at Brunswick, Me.
Feb. 21—Princeton at home.
Mar. 1—Army at West Point.
Mar. 7—N. Y. U. at New York.
Mar. 8—Temple at Philadelphia.
Mar. 15—Navy and Dartmouth at Hanover, N. H.
Mar. 22—E. I. G. L. Championships at Cambridge.

BOXING PROSPECTS SEEM VERY BRIGHT

Orleman Makes Good Showing
—Schedules Announced

Under the watchful eye of Coach Tom Rawson, the boxing squads are going through their workouts every afternoon in the Hangar Gym. The Varsity squad has been out only a few days, but the freshmen have been going through their paces for over a month. Both squads show great promise, and Coach Rawson and Captain Bolanos of the Varsity expect a good season. The freshmen have not as yet elected a captain and will not do so until after they meet Yale on February 22.

Boxes in Boston

Orleman, the Varsity 119-pounder, was entered in the amateur boxing bouts at Mechanics Hall last Saturday night and made a very creditable showing, winning his first bout with ease, but dropping a very close decision to a more experienced opponent in his second start.

The schedule of the Varsity team is as follows:

Jan. 18—West Point at West Point.
Jan. 25—Open.
Feb. 8—Navy at Annapolis.
Feb. 15—New Hampshire at Durham.
Feb. 22—U. S. Coast Guard at home.
Mar. 1—New Hampshire at home.
Mar. 8—Dartmouth at Hanover.
Mar. 15—New York University at New York City.

The freshman schedule is as follows:

Feb. 15—New Hampshire Freshmen at Durham.
Feb. 22—Yale Freshmen at New Haven.
Mar. 1—New Hampshire Freshmen at home.

RAILROAD AGENTS AT T. C. A. OFFICE

Representatives from the B. & M., B. & A., N. Y. N. H. & H. Railroads will be at the T. C. A. office from 8 to 2 o'clock today. Orders can be left for reservations, payment being required when making the following call for the tickets. Students are urged to make reservations as soon as convenient in order to determine whether special cars can be chartered.

Fifteen engineering students at the University of Minnesota face expulsion as the result of a polo game held in the drafting laboratory of the school. The game was discovered by the dean of the college of engineering.

BASKETEERS PLAY HARVARD TONIGHT

Dorm Section Expected to Back
Team in Hemenway Gym
This Evening

(Continued from page 1)

The first for many years, although the scores of the games were always close. In the past seven years Harvard has amassed 187 points against M. I. T.'s 146.

Past records in the first three games this season, show Technology's team to be one of the best balanced fives ever to play for the Cardinal and Gray. Three men on the five have been high point men so far this season, by small margins indicating the sterling team work the Engineers have shown in their games against New Bedford, Brown, and Newport Naval Academy.

Although shooting was poor in the last game against Newport Naval last Saturday, experts believe their general raggedness was due to the lack of stiff competition. Tonight they are expected to play the best game so far this season, against the Crimson cagers. The lineup that will start tonight will be the same as has started in every game this year. Nee and Harrison will start at forward, Lawson and Captain Nelson at guard, with Motter at center.

This afternoon the freshmen will play their second game of the season against the Crimson frosh in the freshman gymnasium at Harvard. The Engineer frosh lost their first game against Brown last Wednesday by a narrow margin during the last few minutes of play. They are expected to give their opponents a hard game this afternoon, in their second game of the season.

BASEBALL MEN WILL SIGN NEW PETITION

Want Provisional Recognition
By Advisory Council

As an outcome of the meeting of baseball enthusiasts which was held last week, a petition has been drawn up as an initial step in the contemplated re-establishment of the sport at the Institute. This petition will be presented to the Advisory Council on Athletics, requesting that they recognize baseball provisionally for the season of 1930. The acceptance of this will mean that a baseball team will be allowed to represent Technology officially for the first time in several years.

The prospects for a successful season, and consequently a permanent recognition of baseball, are very bright at this time. After the Beavers, an independent team made up of Technology men, was disbanded two years ago, the sport was renewed last spring in the interclass league. The enthusiasm and good material that was displayed has raised the hopes of baseball lovers at the Institute.

Coach Is Needed

In view of the plans for the 1930 season the need of a coach is one of the problems which the men will have to solve. They are on the lookout for someone at the Institute, preferably a graduate student, who has experience and interest in the sport.

INTRODUCE OVERTURE IN FRESHMAN BAND

At a recent practice of the R.O.T. C. band, Mr. Svenson, the instructor, introduced an overture to the band by the name of "Bohemian Girl." This is the first of this type of music that the band has attempted to play. In order to iron out the difficulties peculiar to each type of instrument, the different sections of the band are now practicing separately.

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Local Alumni Association Meetings Scheduled During Christmas Week

Akron—THE M. I. T. CLUB OF AKRON
Meetings—at appropriate times, usually at the University Club
Chicago—TECHNOLOGY CLUB OF CHICAGO
Luncheon—Tuesday at 12:00 at the Brevoort Hotel, Room 15, Floor A.
Cincinnati—THE TECHNOLOGY CLUB OF CINCINNATI
Luncheon—Tuesdays from 12:00 to 2:00 at the Hotel Havlin
Harrisburg—TECHNOLOGY CLUB OF CENTRAL PENNSYLVANIA
Luncheon—Every Tuesday at Harrisburg University Club.
Hartford—TECHNOLOGY CLUB OF HARTFORD
Luncheon—Second and Fourth Fridays at City Club.
Indianapolis—INDIANA ASSOCIATION OF THE M. I. T.
Dinner—Monthly evening meetings, usually third week in month.
Milwaukee—TECHNOLOGY CLUB OF MILWAUKEE
Every Thursday noon at the City Club, Empire Bldg.
New York City—THE TECHNOLOGY CLUB OF NEW YORK
Breakfast and dinner in the main dining room. Luncheons in the Club's private Grill-room every day. Special luncheons every Thursday at 12:45 during the winter months.
Philadelphia—TECHNOLOGY CLUB OF PHILADELPHIA
Luncheon—Thursdays at 12:30 at Arcadia Cafe, Grill Room, Widener Building, Juniper and Chestnut Streets.
Pittsburgh—THE M. I. T. CLUB OF WESTERN PENNSYLVANIA
Luncheon—Fridays at 12:15 at McCreery's, Private Room, 9th floor.
Rochester—THE TECHNOLOGY CLUB OF ROCHESTER
Meetings—Usually once a month.
Syracuse—THE M. I. T. CLUB OF CENTRAL NEW YORK
Meetings—Consult officers for dates.
Washington, D. C.—WASHINGTON SOCIETY OF THE M. I. T.
Luncheon—Speaker luncheon each third Friday at 12:30, University Club. Occasional luncheons on other Fridays at same time and place.

Track Practice to be Held During Vacation

Coach Hedlund announces that there will be track practice held every day during the Christmas vacation except Christmas day and New Year's day. This is being done to give the local track men a chance to keep in training and also to give them an opportunity to get in some daylight practice. Practice will be held from 2 until 4 o'clock daily.

DORCLAN INITIATES SEVEN NEW MEMBERS

Holding the initiation of seven new members, the Dorclan, honorary society of the dormitories, choose the Engineers' Club of Boston for their banquet on Monday night. Professor L. F. Hamilton and Professor Winfield Prescott gave short talks to the men. The new men are: Anton A. Pruckner '31, Elmer C. Hughes '31, Thomas O'Connor '30, Winthrop T. Noyes '30, Joseph Westell '30, Hugh L. Christison '31, and Clifford H. Hancock '31.

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CALENDAR

Wednesday, December 18

5:00—Tech Show Orchestra Rehearsal, East Lounge, Walker Memorial
5:00—Tech Boat Club Dinner, Grill Room, Walker Memorial
5:30—Pictures of Swimming Teams, Room 11-004
6:00—Civil Engineering Society Dinner Meeting, North Hall, Walker Memorial
6:30—Naval Architectural Society Dinner, Faculty Dining Room, Walker Memorial
7:00—Instrumental Club Rehearsal, East Lounge, Walker Memorial

Thursday, December 19

6:00—Chi Epsilon Dinner, Faculty Dining Room, Walker Memorial
6:00—Class of 1920, Dinner Meeting, Grill Room, Walker Memorial
7:20—Tech Show Rehearsal, Walker Gym
7:30—Chemical Society Smoker, North Hall, Walker Memorial

Friday, December 20

5:00—Chinese Students Social Meeting, North Hall, Walker Memorial

Saturday, December 21

2:00—Gym Team Practice, Walker Gym

UNDERGRADUATE

INFORMAL PHOTOS

Technique would like to secure any pictures taken of an Institute activity or informal photographs of students. Pictures of last year's Open House and Senior Week are especially desired. Hand in your material any time at the Technique office, Room 308 Walker Memorial.

SWIMMING TEAM

The Technique Picture of both freshman and Varsity swimming teams is to be taken today in Room 11-004 at 5:30 P. M. It is essential that everyone bring his own suit and be prompt in reporting. There will be no required practice. Freshman attendance will be taken in room 11-004 at this time.

BOWLING

Eddie Pung, manager of the Walker Bowling Alleys, is offering a turkey to the best three string bowler to the winner among the students or instructing staff. It will be presented Saturday. The tournament opens at 11 o'clock today, the price for the three strings bowled in the tournament being fifty cents. All interested are invited to enter and compete for the prize.

WRESTLING

Men who are still in the wrestling tournament must report to the Hangar gym this afternoon not later than four-thirty.

M. I. T. INFIRMARY PATIENTS

Tuesday, December 17, 1929

Foster, Everett, Employee
Kingsley, Jr. Charles, Grad.
Serrano, Ricardo E., '33
Welch, James R., '32
Winnemore, Charlotte, Grad.
At Homeopathic Hospital:
Bechle, Charles W., '32
Cox, Gilbert L., Grad.
Huston, Wilber B., '33
At 29 Arlington St., Newton:
John Sherman
Transferred from Homeopathic, to St. Luke's Hospital, New York:
Valentine, Richard H., '33.

FROSH HOCKEY

The first practice for the freshman hockey squad will be held tomorrow morning at 7 o'clock at the Boston Arena. All men interested will please report.

MASTER MASONS

Will all Master Masons at Technology please sign their names and addresses on the paper provided for the purpose on the bulletin board at Entrance 69.

TECH SHOW

Tryouts and the first rehearsal for the Tech Show orchestra will be held today at 5:00 o'clock in the East Lounge of Walker Memorial.

CALL FOR FRESHMAN HOCKEY TEAM ISSUED

All members of the Class of 1933 interested in the freshman hockey team are asked to report to the Boston Arena tomorrow morning at 7 o'clock. In order to allow Coach Stewart to ascertain the size of the squad it is important that everyone be present at this time.

Practice will be held during the vacation for those living in the vicinity and a regular schedule for practices will be made up when classes are resumed. The size of the squad will determine the number of practices. Notices to this effect are to be posted on the bulletin board opposite the Bursar's office very shortly.

More frequent use of its facilities and service, will convince you of its reliability.

TECHNOLOGY DINING HALLS

ALL-TECH CHAMPS CHOSEN TOMORROW

Three-Day Tournament Continues with Interesting Matches Scheduled

This afternoon from 4 until 6 o'clock the second series of bouts in the three-day wrestling tournament will be held. Today's matches will consist of semi-finals and a few finals. All the men participating in the matches are on their toes and the matches this afternoon for that reason promise to be interesting, full of competition, and more scientific exhibitions than yesterday's, when freshmen wrestled Varsity in a fashion sometimes surprising to the latter. Yesterday's match was unique in one respect in that the preliminary, semi-final and finals in the 115 pound class were held on the same day. Having won a fall each, Axford and Ripin decided that they couldn't wait until today to see who was to wear the ALL-TECHNOLOGY CHAMPION medal. In the ensuing match Axford won by a fall after having been dealt his fair share of competition. Winners yesterday who will contest this afternoon are in the accompanying list:

Class 125 lbs.—Semi. Garselson, Vanburn, Pearson, Kaplan.
Class 135 lbs.—Semi. Miller, Negus, Perkins, Lovejoy.
Class 145 lbs.—Semi. Wager, Cooper, Snape.
Class 155 lbs.—Final. Varsolotti, Penning.
Class 165 lbs.—Semi. Carlyle, Moore, Stone, Ford.
Class 175 lbs.—Final. Ward, Sterns.
Heavy—Final. Kolles, Rabinow.

The Polish Minister of education has closed the University of Cracow for six months in order to quell student rioting.

A. I. E. E. STARTS NEW SERIES OF MEETINGS

With the dinner meeting held last Monday evening in the North Hall of Walker Memorial, the Student Branch of the American Institute of Electrical Engineers commenced a new series of such meetings. About 75 members of the organization and students enrolled in electrical courses at the Institute were present for the dinner, which commenced at 6 o'clock.

Immediately after the dinner, two papers were presented by students. The first was a discussion of "Automatic Mercury Rectifier Substations" and was presented by Arthur F. Wildes '30. Wildes explained the great advantages of this type of installation over the Synchronous converters which have been used in the past.

The second paper was devoted to "Sound Moving Pictures", and was presented and discussed by Jean V. Kresser '30. The talk was delivered in a clear manner.

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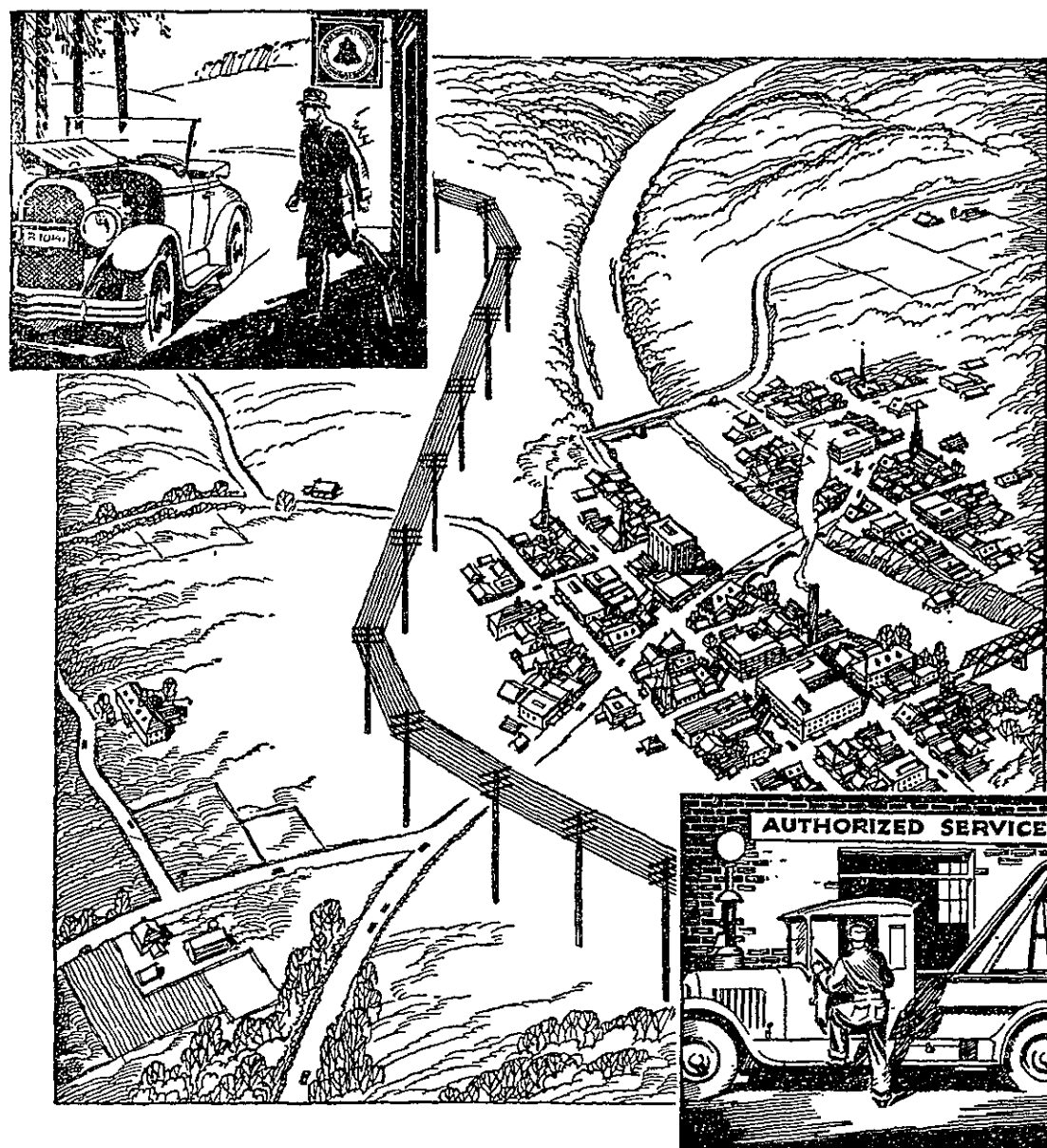
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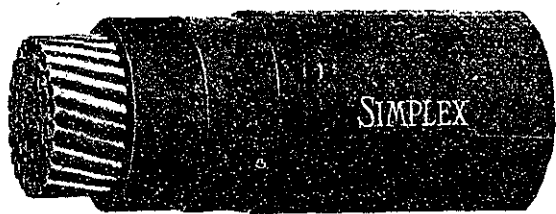
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